

Patent

Serial No. 10/537,064

Amendment in Reply to Final Office Action of March 24, 2008

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Previously presented) A method of scheduling schedulable components in a hard real time system for processing time dependent streams of data elements, where the number of schedulable components is larger than the number of available processors for processing said components and where each of said components has at least one input and one output, the method comprising:

determining for each schedulable component the earliest time on which said component can contribute to the output of said hard real time system,

scheduling only the schedulable component that can contribute at the total earliest time to the output of said real time system.

2. (Previously presented) The method according to claim 1, wherein if a number of schedulable components contribute to the output of said real time system at the same total earliest time,